Acclima™ Access Voice/Cell Phone

User Guide

Enabling telephone/ cell phone access to select Acclima irrigation controllers

Acclima PRESS

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Introduction

Acclima Access™ Voice/Cell Phone is a software module enabling limited control, by touch-tone telephone or cell phone, of selected Acclima controllers. It provides similar control capabilities as an irrigation radio controller without the need to purchase expensive adapters and radios. The controller functions are activated by using any touch-tone telephone or cell phone from anywhere without range restrictions or limitations. Acclima Access™ is purchased directly from the factory and is installed by Acclima's factory technicians.

System Requirements

The following are required in order to use Acclima Access™ Voice/Cell Phone:

1. Compatible controllers: Acclima CS3500, Nelson 8710 EZ Pro
2. The controller must be connected to a telephone line
3. You need to use Irrigation Manager™ software
4. The controller must be running firmware version 0.4.28 or later
5. You must call the controller using a tone-tone telephone or cell phone

Features

Acclima Access™ enables operation of your controller with any touch-tone telephone or cell phone to perform the following tasks:

Manually turn on a zone
Stop manual watering
Pause watering
Resume watering (Un-Pause)
Water the next zone
Water the previous zone

Installation

Acclima Access™ Voice/Cell Phone is an additional software module purchased directly from the factory and is installed by Acclima's factory technicians. Because the feature is a software module there is no hardware or installation requirements to use the feature. Acclima Access™ is installed with default settings and is ready for use immediately. The default settings can be edited with Irrigation Manager™ software.

Controller Configuration

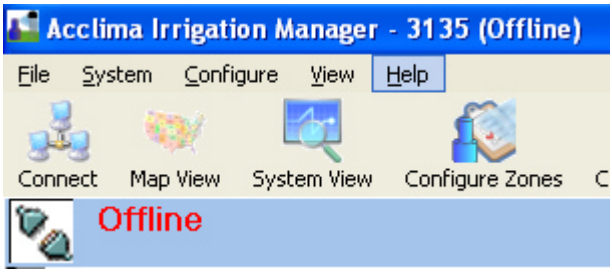
The factory installed Acclima Access™ Voice/Cell Phone program contains default configuration and PIN settings that can be edited with Irrigation Manager™ software.

Irrigation Manager™ software enables you to disable or enable the Acclima Access™ Voice/Cell Phone feature as well as edit your controller PIN and the number of rings before your controller will answer.

Controller Firmware

In order to use Acclima Access™ your controller must be running firmware version 0.4.28 or later. If your controller is running an earlier version you must first upgrade the firmware.

To determine your controller's firmware version use Irrigation Manager™ software to connect to the controller. From the file menu select Help > About to open the Information Box.



Here you will find information about your system including the firmware version. You must use version 0.4.28 or higher

If you are running an earlier firmware version you need to upgrade your controller.

Upgrade Firmware

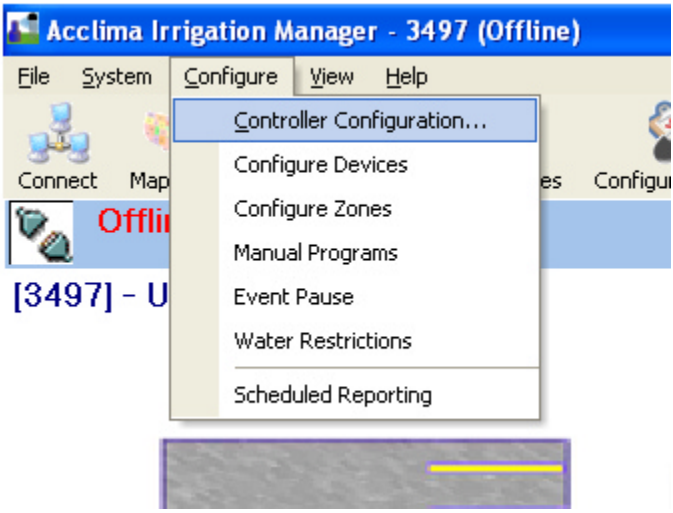
To upgrade your controller's firmware first download the latest version of Irrigation Manager™ software from the Acclima website.

http://www.acclima.com/products/software.htm

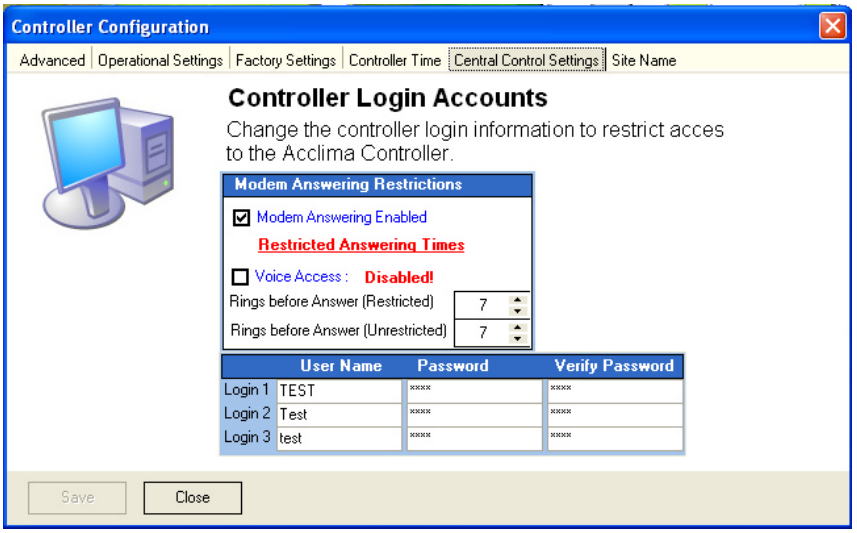
When you install the new software on your computer the controller's firmware will automatically be upgraded to the latest version.

Edit Controller Configurations

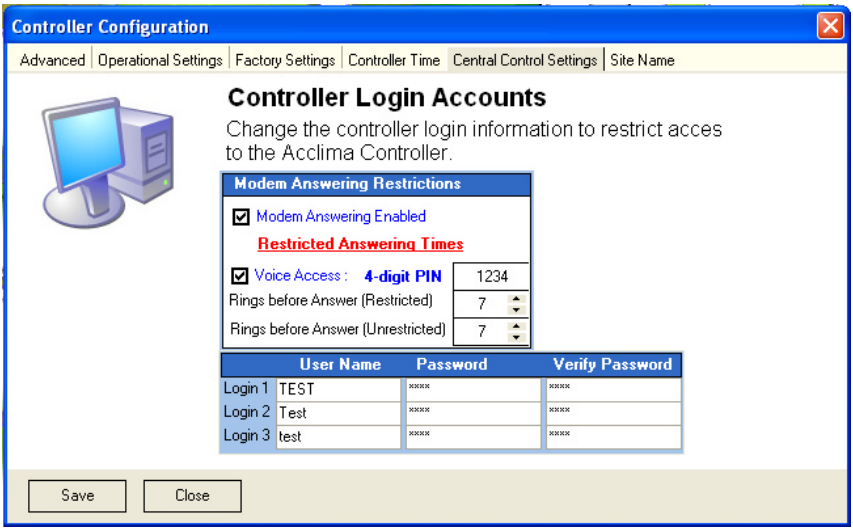
To edit the Voice Access settings with Irrigation Manager™ open the Controller Configuration menu. Select Configure > Controller Configuration from the file menu to open the Controller Configuration menu.



In the Controller Configuration menu select the Central Control Settings tab along the top of the window.



The Default setting disables the Voice Access feature; however if Acclima Access™ has been installed on your controller the feature will be enabled. To disable/enable the feature check or uncheck the Voice Access box on the Central Control Settings tab.



The default PIN is "1234." You can edit the PIN to any combination of 4 digits.

You can also edit the number of rings before the controller will answer your call.

Default Controller Configurations

Acclima Access™ is installed on your controller with the following default settings:

Voice Access: Enabled
PIN: 1234

Operation

Your controller includes a modem designed to communicate data over a telephone line. By installing Acclima Access™ Voice/Cell Phone your controller now has two modes of communication voice and data.

Call the controller

You can call the controller by using any touch-tone telephone or cell phone by dialing the phone number of the telephone line connected to the controller. It is the same number used to connect using Irrigation Manager™ software.

The controller will answer the phone after the number of rings specified in the Central Control Settings of Irrigation Manager™ software.

4-digit PIN

After the controller answers you will hear a 2-tone beep indicating that you must enter your PIN.

Dial your 4-digit PIN (default PIN: "1234") followed by the pound (#).

NOTE:
a. If the pin is incorrect, you will hear the 2-tone beep indicating that you must enter your PIN again. After three tries the controller will hang up.
b. The controller will only acknowledge the last 4 numbers pressed. If you dial a number incorrectly, just dial again and press pound (#).
c. If no numbers are dialed for 3 seconds after the two-tone beep, then the controller will switch to data mode and try to connect to a computer.

Operations Menu

Once you have successfully entered you PIN, the controller will repeat a menu of options as follows:

"Your Acclima controller is in (Manual, Automatic, Pause) mode. Select from the following menu any time:

1. Manually Water Zone
2. Stop Manual Water
3. Pause (Un-Pause) Automatic Water
4. Water Next Zone Manually
5. Water Previous Zone Manually

Press star (*) to cancel or to hang up."

You can enter your desired menu choice at any time.

Manually Water Zone

To manually water a zone press 1.

The controller will prompt for a zone number. Only the last two digits

will be acknowledged. Dialing only one digit will also allow for zones 1-9.

NOTE:
a. If the zone number is invalid, the voice will continue to prompt for a zone number.
b. Press star (*) to cancel and return to the main menu

After entering the zone, the controller will prompt for the number of minutes to water. Only the last two digits will be acknowledged. Dialing only one digit will water for 1-9 minutes.

NOTE:
a. If the minutes number is invalid, the voice will continue to prompt for a minutes number.
b. Press star (*) to cancel and return to the main menu

Stop Manual Watering

To stop all manual watering press 2.

This will stop all manual watering and then continue repeating the main menu.

Pause Automatic Water

To pause automatic watering press 3.

The controller will prompt for the number of hours to pause watering. Only the last two digits will be acknowledged. Dialing only one digit will also allow for hours 1-9.

NOTE:
a. If the hours number is invalid, the voice will continue to prompt for a hours number.
b. Press star (*) to cancel and return to the main menu.

Un-Pause Automatic Water

To un-pause automatic watering press 3.

This will cause the system to resume automatic watering and then

continue repeating the main menu.

Water Next Zone Manually

To water the next zone manually press 4.

This will cause the next zone (last zone number watering manually + 1) for 10 minutes. After selecting this option, the main menu will resume.

NOTE:
a. If the last zone watering manually was the last zone in the list, then the first zone in the list will water for 10 minutes (ie. zone 1).
b. If no zone has been watered manually (using option 1) then this option will start with the first zone on the list (ie. zone 1).

Water Previous Zone Manually

To water the previous zone manually press 5.

This will cause the previous zone (last zone number watering manually - 1) for 10 minutes. After selecting this option, the main menu will resume.

NOTE:
a. If the last zone watering manually was the first zone in the list, then the last zone in the list will water for 10 minutes.
b. If no zone has been watered manually (using option 1) then this option will start with the last zone on the list.

Controller Reset

Once the modem has hung up, or you have hung up, it may require up to 2 minutes to reset itself for the next call, but usually will be available within 10 seconds if you hang up using the star (*) key from the main menu.

NOTE:
While in voice mode, the modem will hang up if 2 minutes have passed without detecting any touch tones from your phone.

Troubleshooting

Problem	Possible Cause	Solution
1. The controller will not answer	Incorrect Telephone Number	Check to make sure the Telephone number you are dialling is correct
	Controller is restricted	Check the Irrigation Manager™ settings to ensure that the controller is able to connect
	Telephone line may be disconnected or damaged	Check the connection on the controller and ensure the line is not disconnected or damaged
2. The controller answers but the connection is a data connection	The Voice Access feature is disabled	Enabled the Voice Access feature in Controller Configuration
	Acclima Access™ Voice/Cell Phone is not installed on your controller	Make sure Acclima Access ™ Voice/Cell Phone has been installed on your controller, contact the factory to verify
	You are not dialing on a touch-tone phone	The controller will only recognize touch-tone phone communication, be sure you are using a touch tone phone
	You did not dial fast enough	You have 3 seconds to begin dialing your PIN once the controller beeps, after dialing the first digit you then have 30 seconds to complete the PIN
3. The PIN does not work	You are using an incorrect PIN	Check to make sure the PIN you are using is correct, you can locate your PIN in the Controller Configuration, the default PIN: "1234"

Problem	Possible Cause	Solution
	You are not dialing on a touch-tone phone	The controller will only recognize touch-tone phone communication, be sure you are using a touch tone phone
4. The controller is busy	Someone else is already connected	Ensure that no one else is connected to the controller using the telephone or serial communication ports
	The controller is still resetting itself after a previous call	The controller may take up to 2 minutes to reset after a call, this time is decreased when you use the star (*) key to hang up
	Your controller is running an earlier firmware version	Make sure you are using version 0.4.28 or later, otherwise the controller cannot hang up, if this happens, cycle the controller power and upgrade the firmware

Service and Support

For questions regarding Acclima Access™ Voice/Cell Phone module please call toll free: 866-887-1470 to speak to an Acclima technician.

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Acclima, Inc.
2260 East Commercial Street
Meridian, ID 83642

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